

# Speciality Welds



**AWTE**  
Association for Welding  
Training and Education

## Welding Consultancy Services

We offer a range of services for the fabrication industry and consulting engineers that may not employ specialist welding engineering personnel.



### Welding Engineering

- Assessment of contract documentation & design reviews.
- Technical advice on producing sound welds.
- Coordination and control of welding related operations e.g. BSEN 719:1994.
- Technical representation at meetings with client.
- Writing welding procedures and testing of welders.
- Technical assessment of contractors e.g. BSEN 729:1995.

### Welding Inspection

- Visual inspection and non-destructive testing.
- Site representation and surveillance.

### Material Selection & Testing

- Advice on material selection and behavioural effects of composition variation within particular materials.
- Mechanical testing for welding qualifications and for investigative purposes.
- Material analysis and corrosion testing.

### Quality Assurance

- Establishment and maintenance of welding quality requirements.
- Writing and auditing quality systems to ISO 9000.
- Assessment of subcontractor's quality systems.

### Investigations

- Investigation of weldability problems and failure analysis.

## Welder Training Services

Our training modules are designed to suit the individual needs of each client, and can be delivered on site, or at our training centre. In either event, you can be assured of the highest quality training, that offers the following benefits

- Improved productivity
- Reduced defects and repairs
- Savings on consumables
- Welder job satisfaction

### Assessment

Prior to delivery of any training programme an individual assessment is conducted by a qualified instructor, in order to provide a report on the welder's ability and also the requirements for any training. This ensures that the training is dedicated to your needs, thus making it cost effective.

### Content

Although essentially practical, each training module can contain, at the discretion of the client, a theoretical aspect, thus providing a greater understanding for the welder. The actual content and level of training will be tailored to the clients specific needs and can vary from basic craft skills, to more advanced technician skills.

### Welder Approval Testing

Testing can be conducted to:  
BS EN 288/287, AWS D.1.1, ASME 1X, CAA,  
BS 4872 and client specific

### Welding Processes

- Manual metal arc
- Tungsten inert gas
- Metal active/Metal inert gas
- Oxy acetylene gas cutting & welding



### Sales & Technical Enquiries

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